



INITIAL PAPER COPY - SEQUENCE LISTING

USSN 10/552,909

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(iii) NUMBER OF SEQUENCES: 9

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 27 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1

AACggatccaaaacgctgcctccgcga 27

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2

TAGACGCTGCAGGAGGCGCCTGGCT 25

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 269 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3

ggatccaaaacgctgcctccgcgacagggcggaggacggagggcggtcccaggatcgtggg 60  
ccctgggcctgacgcctcggagcactccctgctccgagcgggcccgatgtggtggaagct 120  
cgggagcgcgggagccgggggaaggccgcgggcagccgctcggggggtccccgatccgagcc 180  
ccgcggccccgggctggcggtgtcggtgcaatccggcgggcacggccggccgggctggg 240  
ctcttggggcagccaggcgctccttcag 269

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 84 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4

AGAAGACGAagctaagcagggtcgggcctgggttagtacttggatgggagaccgcctggga 60  
ataccgggtgctgtaggctttttg 84

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 88 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear  
(ii) MOLECULAR TYPE: DNA  
(iv) ANTI-SENSE: YES  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5  
TCGACAAAAAGCCTACAGCACCCGGTATTCACAGGCGGTCTCCCATCCAAGTACTAACCA 60  
GGCCCGACCCTGCTTAGCTTCGTCTTCT 88

(2) INFORMATION FOR SEQ ID NO: 6:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 367 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULAR TYPE: DNA  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6  
ggatccaaaacgctgcctccgcgacagggcggaggacggagggcgctcccaggatcggtggg 60  
ccctgggcctgacgcctcggagcactccctgctccgagcggggcccgatgtggtggaagct 120  
cgggagcgcgggagccgggggaaggccgcgggcagccgctcgggggtccccgatccgagcc 180  
ccgcggccccgggctggcggtgtcggtgcaatccggcgggcacggccggccgggctggg 240  
ctcttggggcagccaggcgctccttcagGAATTCGATAGAAGACGAagctaagcagggt 300  
cgggcctgggttagtacttggatgggagaccgcctgggaataccgggtgctgtaggctttt 360  
tgtcgac 367

(2) INFORMATION FOR SEQ ID NO: 7:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 51 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULAR TYPE: DNA  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7  
GCNNNNNNNNNNNNNNNNNNNTTTCGnnnnnnnnnnnnnnnnnnnnTTTTT 51

(2) INFORMATION FOR SEQ ID NO: 8:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 59 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULAR TYPE: DNA  
(iv) ANTI-SENSE: YES  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8  
AGCTAAAAANNNNNNNNNNNNNNNNNNNCCGAAAnnnnnnnnnnnnnnnnnnnGCTGCA 59

(2) INFORMATION FOR SEQ ID NO: 9:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 399 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULAR TYPE: DNA  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9  
ggatccaaaacgctgcctccgcgacagggcggaggacggagggcgctcccaggatcggtggg 60  
ccctgggcctgacgcctcggagcactccctgctccgagcggggcccgatgtggtggaagct 120  
cgggagcgcgggagccgggggaaggccgcgggcagccgctcgggggtccccgatccgagcc 180  
ccgcggccccgggctggcggtgtcggtgcaatccggcgggcacggccggccgggctggg 240

ctcttggggcagccagggcctccttcaGCNNNNNNNNNNNNNNNNNNNTTTCGGnnnnn 300  
nnnnnnnnnnnnnnTTTTagctaagcagggtcgggcctggtagtacttggatgggaga 360  
ccgcctgggaataaccgggtgctgtaggcTTTTgtcgac 399